

CLAIMS

WHAT IS CLAIMED IS:

1. A method for connecting a lead frame having first
5 and second connections to a light emitting device for enabling
illumination comprising the steps of
 - providing a light emitting device having a first and a
second terminal,
 - providing a semiconductor based sub-mount having a
10 topside and an underside,
 - electrically coupling the first terminal of the light
emitting device to one of the first and second connections via a
first single wire bond,
 - electrically coupling the first single wire bond to
15 the topside,
 - electrically coupling the second terminal of the light
emitting device to the other of the first and second connections
when the second terminal is connected to the topside, and
 - providing electrostatic discharge protection circuitry
20 in the region of the submount where the first terminal is
connected.